

New claims 21-30 have been amended into the application. Applicant submits that no new matter has been added to the claims or specification. In particular, support for the claims can be found as follows:

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|-----------|---|
| Claims 21 | Original Claim 9;<br>Example 1 (MIR = 15),<br>Example 14 (melt strength = 25.5 cN), and page 13 |
| Claim 22  | Original Claim 13   |
| Claim 23  | Original Claim 14   |
| Claim 24  | Examples which show ethylene hexene and ethylene butene copolymers                              |
| Claim 25  | Examples 10 and 12b   |
| Claim 26  | Example 14  |
| Claim 27  | Examples 1 and 2  |
| Claim 28  | Examples 1 and 2  |
| Claim 29  | Examples 10, 12b, and 14  |
| Claim 30  | Examples 1, 2, 10, 12b, and 14  |

In the previous Office Actions, U.S. 5,470,811 (Jejelowo et al.) has been cited against the previous claims under, 35 U.S.C. §§ 102, 103.

Applicant respectfully submits that the instant Claims 21-30 are both new and non-obvious over Jejelowo.

Jejelowo does not disclose ethylene homopolymers and copolymers having the combined properties of an MIR of from 15 to 35, and MWD of 2 to 15, a CDB1 of  $\geq 60$ , a melt index of 0.2 to 10 dg/min AND a melt strength of 25.5 cN. Note that none of the examples in Jejelowo have all these parameters and column 9, lines 21-24 states Jejelowo's polymer had a melt strength of from 3.0 to 20 cN. Thus, Claims 21-30 are novel over Jejelowo as defined by 35 U.S.C. § 102 (b).

Further, nothing within the four corners of Jejelowo specifically states or suggests a polymer having a melt strength of 25 cN or more can be produced. To meet the requirements of 35 U.S.C. § 103, the difference between the prior art and the claims must be disclosed or suggested in the reference. Jejelowo does not disclose melt strengths over 25 cN and does not suggest they can be made.

Thus, applicant respectfully submits that the claimed invention is new and non-obvious over Jejelowo.

In light of the above, applicant submits that the claims are in condition for allowance and respectfully request a notice of allowance be issued.

Respectfully submitted,

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Date

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